

Force Protection C2 Systems Program Office

"Quality Security Solutions - On Time, On Cost, and As Promised."



Project "Leap Ahead"

Force Protection Industry
Day
6 June 2002



Integrated Solution

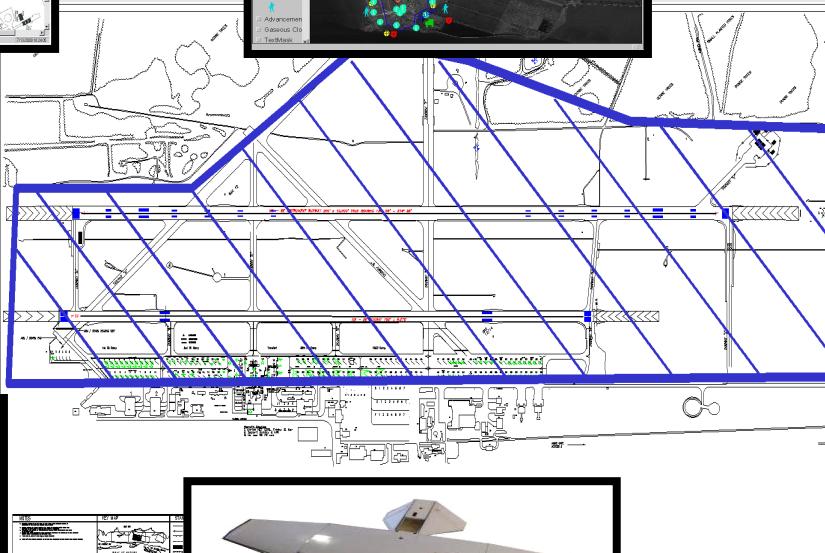
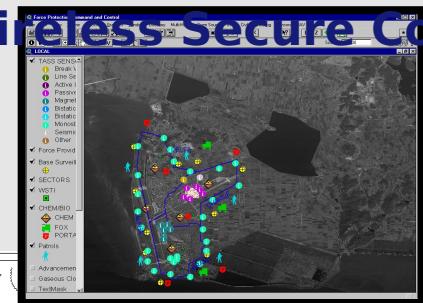


Wide Area Detection, Assessment & Tracking



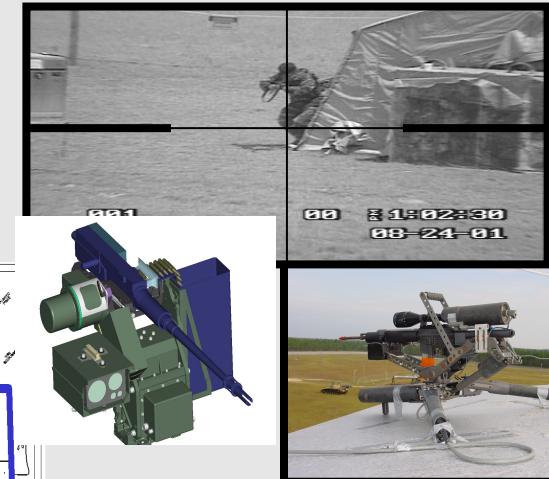
Enhanced Entry Control

Full Situational Awareness, Wireless Secure Comm



Remote Sensing -

Remote Weapons



Robotic Response



Transformational Technologies provide a “Leap in Capability”

and increase the effectiveness and safety of our Airmen



Background

- **Integrated Base Defense (IBD) CONEMP 2020:** *“...emergent needs demand an accelerated effort to ... incorporate advanced technology into our tactics, techniques, and procedures.”*
- **Direction from BGen Shamess, USAF/XOF:**
 - Seek technology that provides a “Leap in Capability” to assure domination of the Force Protection Battlespace in the future

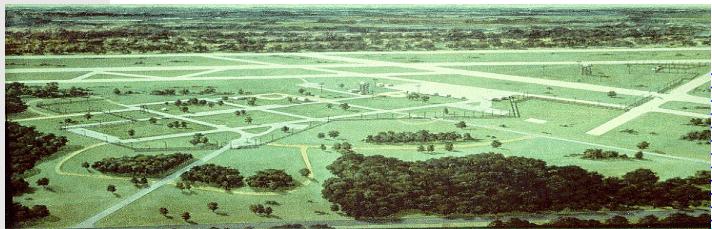


Strategy

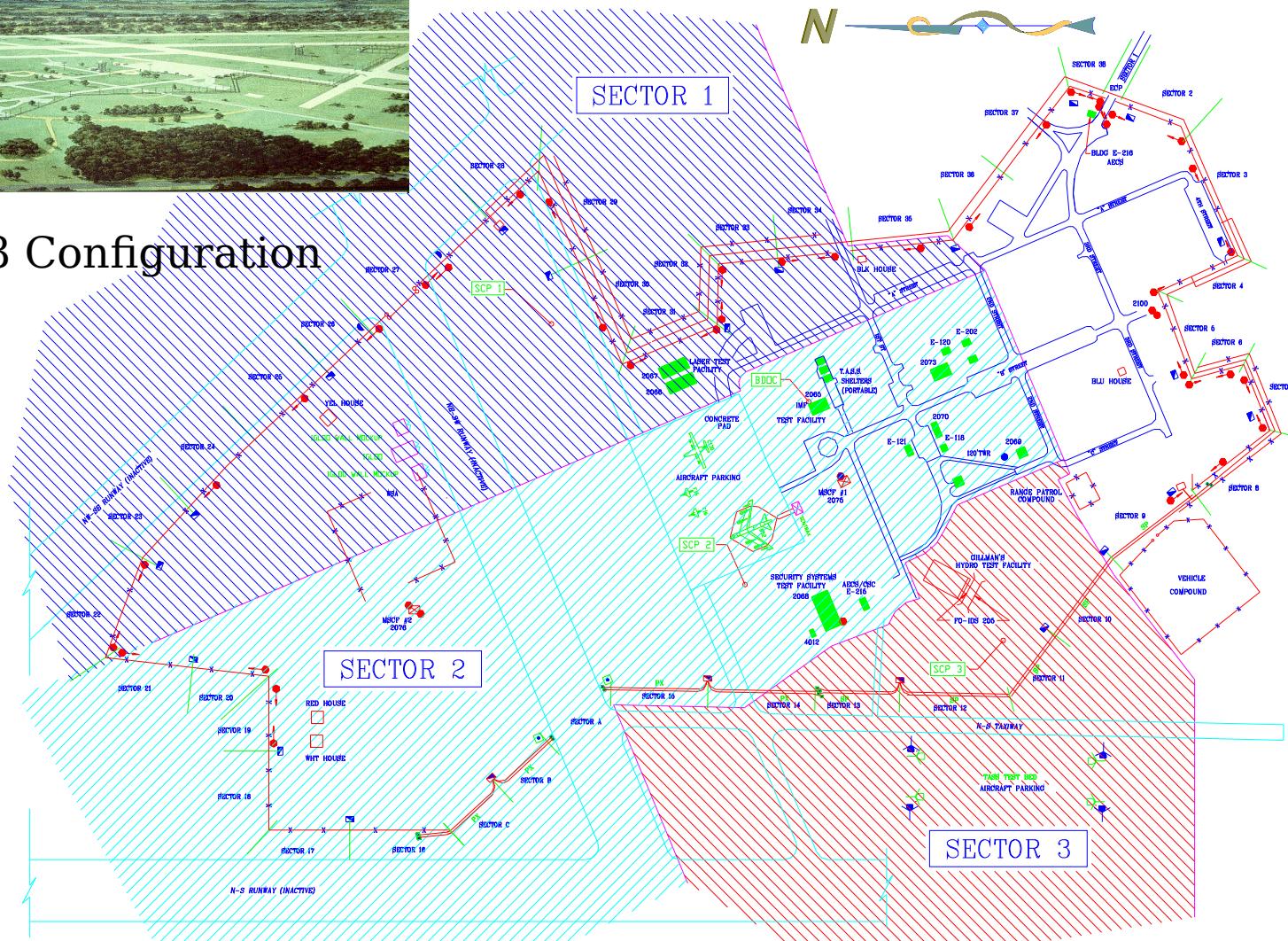
- **FY02**
 - Host Industry Day to solicit industry support
 - Sponsor “Leap Ahead” Technology Demonstration
 - Demonstrate IBD concepts at Site C-3, Eglin AFB FL
 - Integrate in-place legacy systems and selected “Leap Ahead” technologies
 - Use Information Technology Services (ITS) contract
- **FY03 & Beyond**
 - Set-aside PSEAG RDT&E funds for industry to identify and transition “Leap Ahead” technologies
 - Implement “Leap Ahead” technology at



Test Site C-3



Test Site C-3 Configuration





Technology Needs

- **Wide area intrusion detection & tracking**
- **Long range assessment**
- **Integrated C2 - “Situational Awareness”**
- **Wireless, secure communications**
- **Identification friend or foe**
- **Robotics**
- **Rapid, positive base access control**
- **Remote weapons**



Technology Needs (cont)

- **Integration of “smart” sensors**
- **Stand-off explosives detection**
- **Non-lethal denial systems**
- **Remote sensing, e.g., aerostat, UAV**
- **Fly-away security system**



Information Technology

Services (ITS) Prime Contractors



Company

Centech

EDS

General Dynamics
(334) 271-0250 x223

Lockheed Martin Mrs. Paula Zimbro (703) 367-6636

Multimax Mr. Robert Pinizotto (937) 431-3793

Northrop Grummon
(781) 861-9665 x234 Mr. Tom Henderson

RSIS Mr. Rodney Hunt (703) 734-7800

Sumaria Mr. Harry Hewitt (334) 279-3191

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Schedule

Key Events	May	Jun	Jul	Aug	Sep
Industry Day (Hanscom)					
Site Visit-SEA Summary					
ITS White Papers Due					
Select ITS Demo Participants					
Demonstration (Eglin)					

Targeting Demo for Early Fall '02